

Amendments to the Specification

Please add the Sequence Listing attached hereto to the specification, after the abstract.

Please replace the description of Figure 6 at page 27, line 17, with the following rewritten description:

Figure 6. MASCOT search summary table. The peptide disclosed in the lower right corner is designated SEQ ID NO:5.

Please replace the paragraph beginning at page 39, line 3, with the following rewritten paragraph:

To further confirm that 7BD-33-11A was directly binding to the human CD63 antigen, its reactivity was assessed, by Western immunoblotting against lysates of E. coli expressing recombinant fusion polypeptides containing the extracellular domains (loops EC1 and EC2) of human CD63. For this work, GST-fusion constructs of the extracellular loops of CD63 (loop 1 and loop 2-EC1 and EC2, respectively) were generated by subcloning the appropriate cDNA fragments into the bacterial expression vector PGEX-4T-2 (Amersham Biosciences, Piscataway, NJ). The cDNA fragments encoding the loops were obtained by polymerase chain reaction amplification (PCR), using the full-length human cDNA as a template (clone MGC-8339, American Type Culture Collection, Manassas, VA). The cDNA encoding the EC1 loop was obtained using the following PCR primers:

5' primer (EC1_5') , 5'GCCGTGGGATCCGGGGCACAGCTTGTCTG3' (SEQ ID NO:1) and 3' primer (EC1_3') , 5'GATGACGAATTCTCACAGAGAGCCAGGGTAGC3' (SEQ ID NO:2). The cDNA encoding the EC2 loop was obtained using the following PCR primers: 5' primer (EC2_5') , 5'GGCTATGGATCCAGAGATAAGGTGATG3' (SEQ ID NO:3) and 3' primer (EC2_3') , 5'TACCAGAATTCAATTTTCCTCAGCCAGCC3' (SEQ ID NO:4). The conditions for the PCR reactions were as follows: 2 μ L of 5' primer (25 pmol/ μ L), 2 μ L of 3' primer (25 pmol/ μ L), 0.2 μ L of template DNA (POTB-CD63, 0.76 mg/mL), and 45.8 μ L of PCR SuperMix High Fidelity

(Invitrogen, Burlington, ON). The PCR reaction was carried out as follows: 94°C for 5 min followed by 30 cycles of: melting at 94°C for 30 sec, annealing at 55°C for 30 sec and extension at 72°C for 1 min, per cycle.